

NAIP 2005 Planning Meeting

Salt Lake City, Utah

November 15-18, 2004

Flight Planning Process

Tim R Fullmer

NAIP Cartographic Support

NAIP Flight planning comes first

- Defines exact areas to be acquired
- Provides all quantities to be included in the contract: line miles, square miles and number of DOQQs
- Generates all required maps for the solicitation/contract
- Determines Database Content
- Defines location of coverage types (1M or 2M)

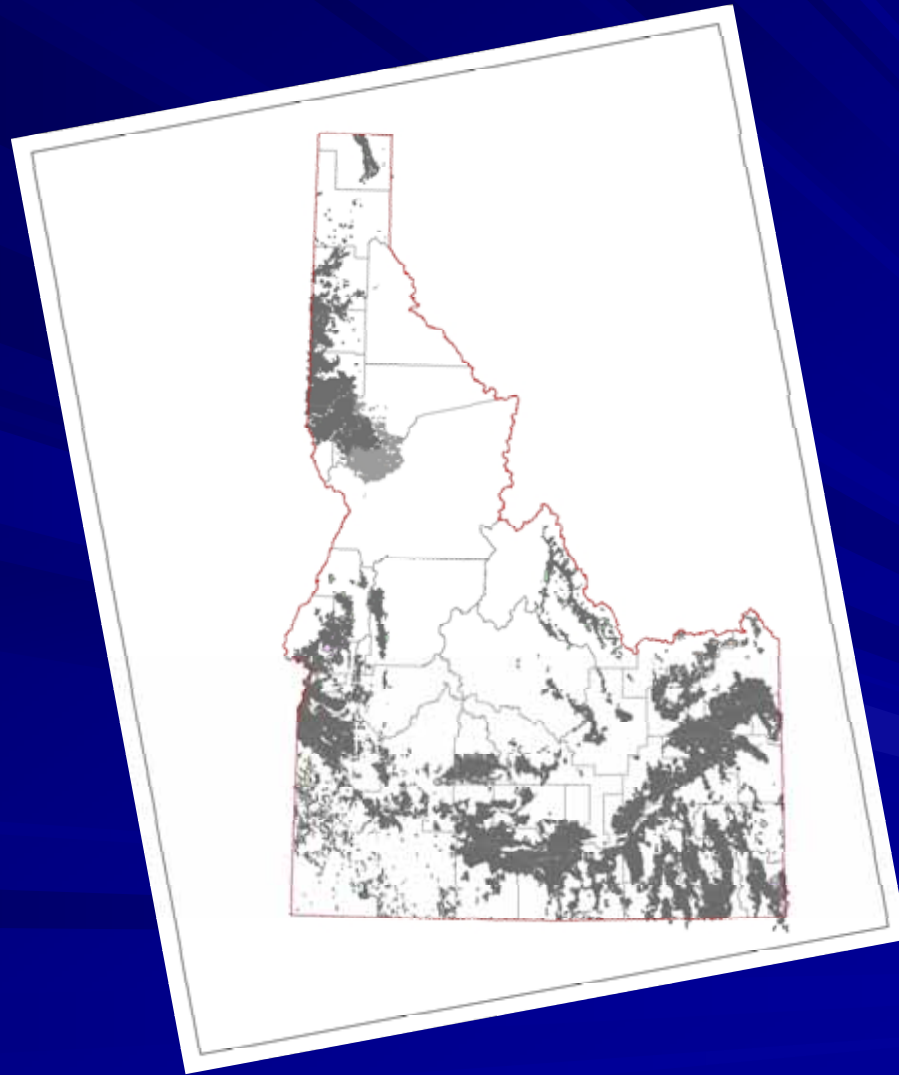
What determines the extent of NAIP coverage?

- Full coverage of states where 50% or more of the land area is covered by CLUs.
- CLUs define the coverage in states that have large amounts of public lands (eleven western states).
- Mixture of full and CLU coverage when appropriate, ie Florida, Maine and others.
- Other public land boundaries.
- Partners

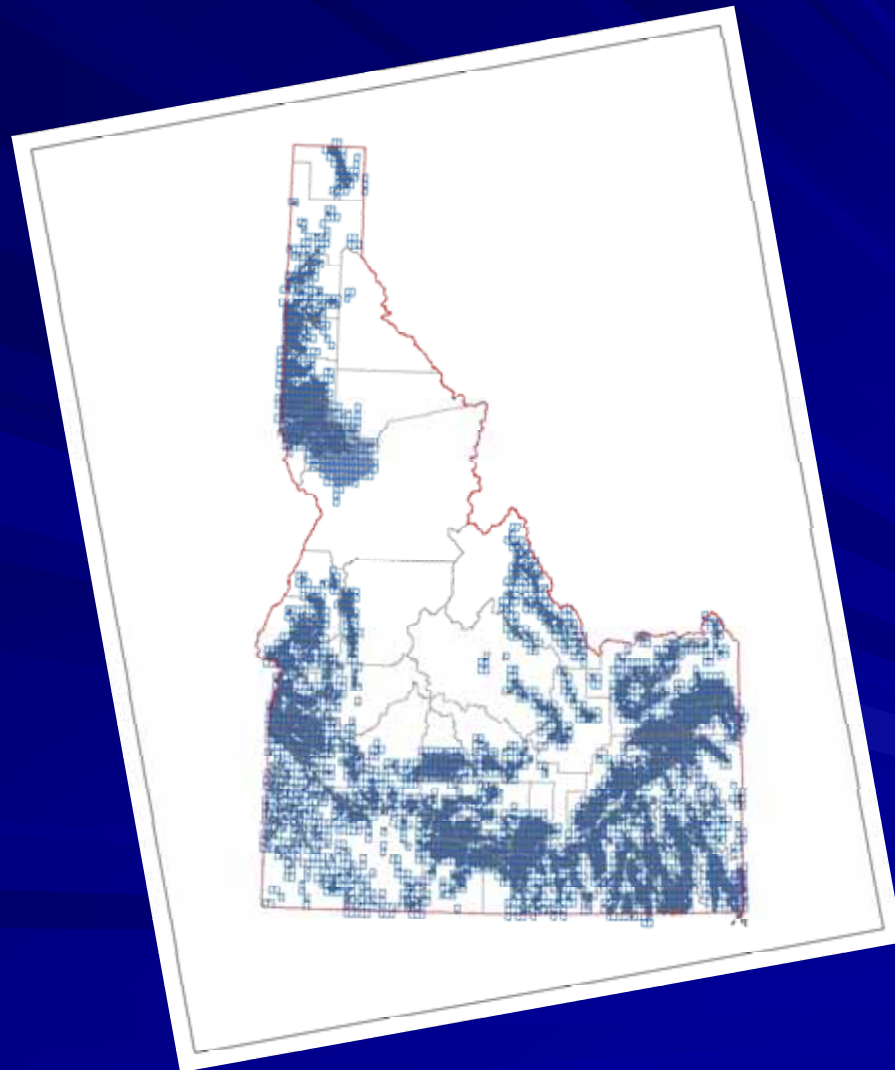
SELECT STATE



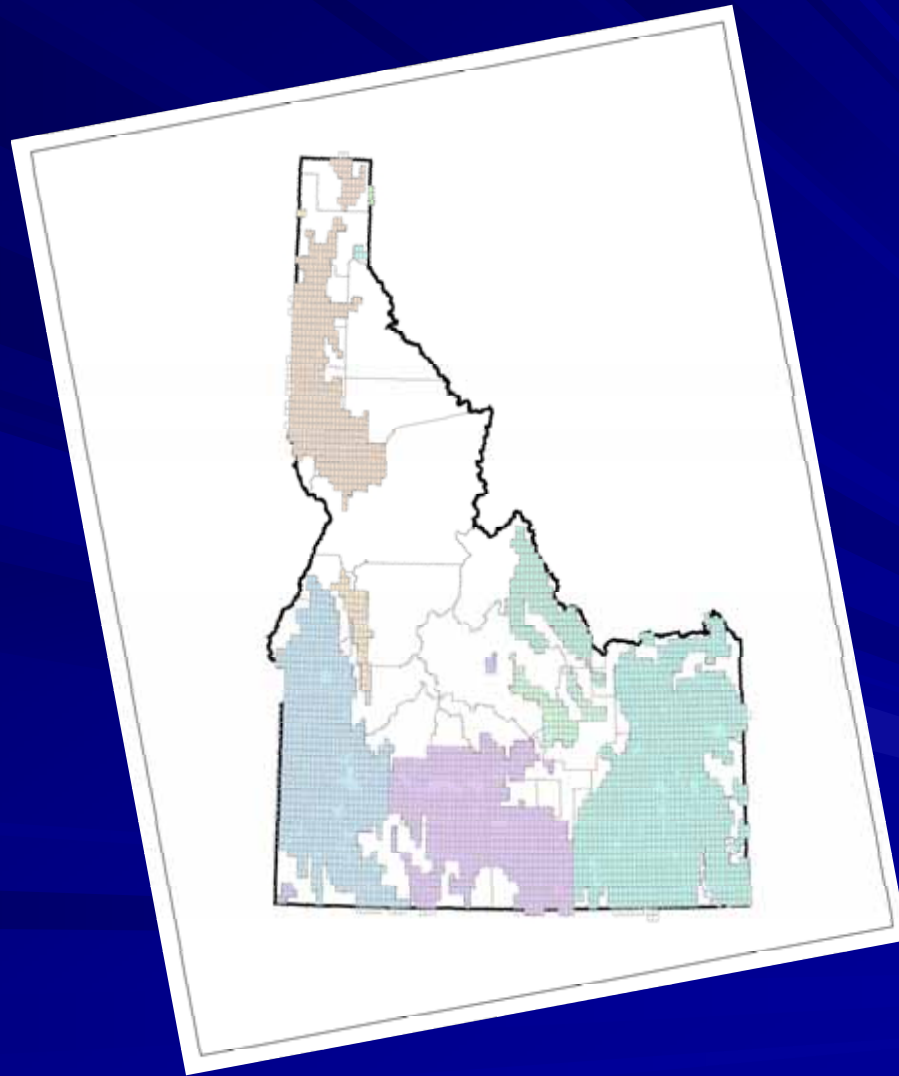
PROJECT CLUs BY COUNTY



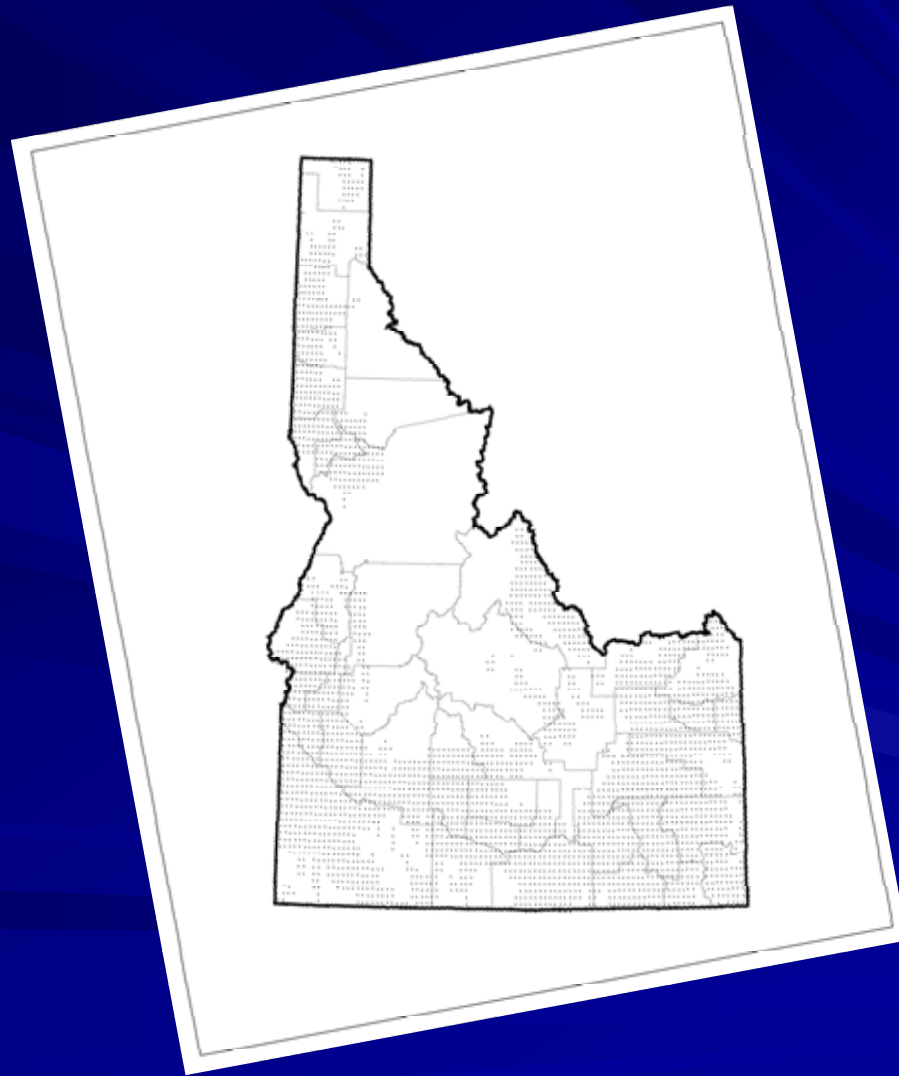
INTERSECT CLUs WITH DOQQs



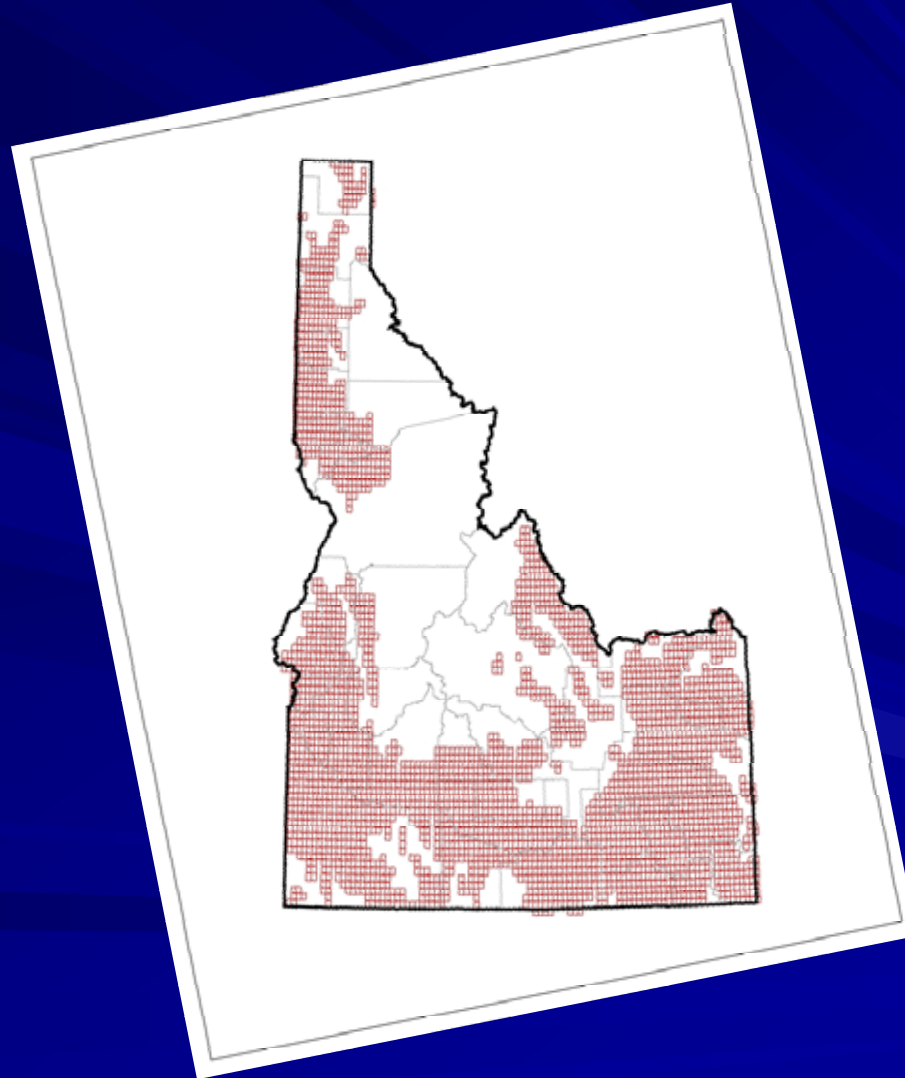
CLU /DOQQ AREAS DIGITIZED



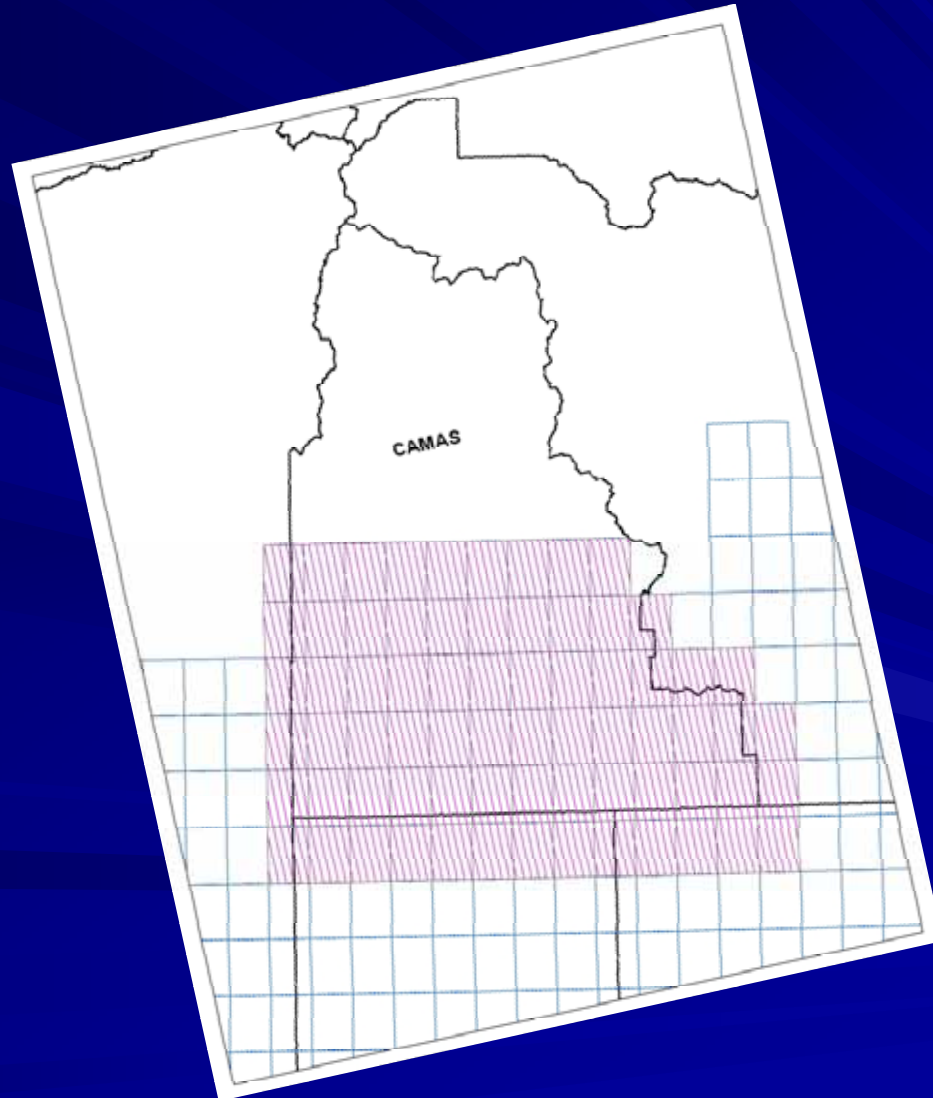
IDENTIFY PHOTO CENTERS



IDENTIFY DOQQs FOR PROJECT



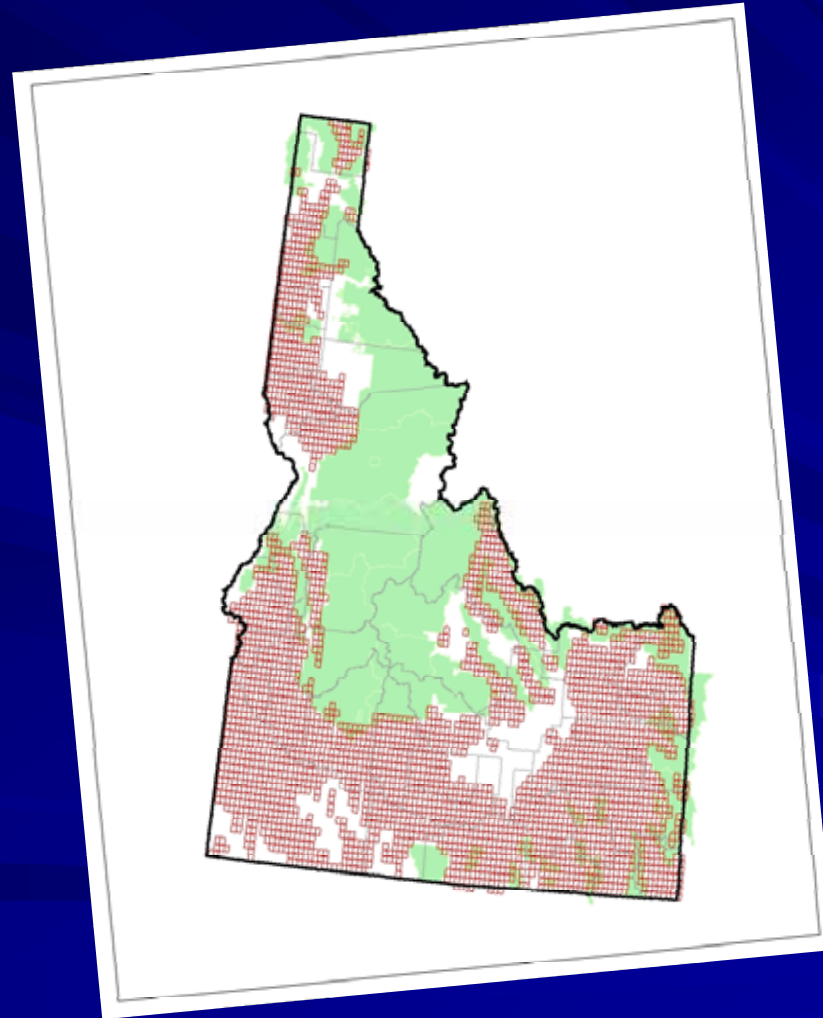
DOQQs For Each County are Selected



All Cartographic Data is Compiled

- Photo Center Data, including station number (NAPP), latitude and longitude.
- State Scan List, including Quad names, section, lat & lon of SE corner, station number etc.
- County Scan Lists, includes all DOQQs to be included with each county.

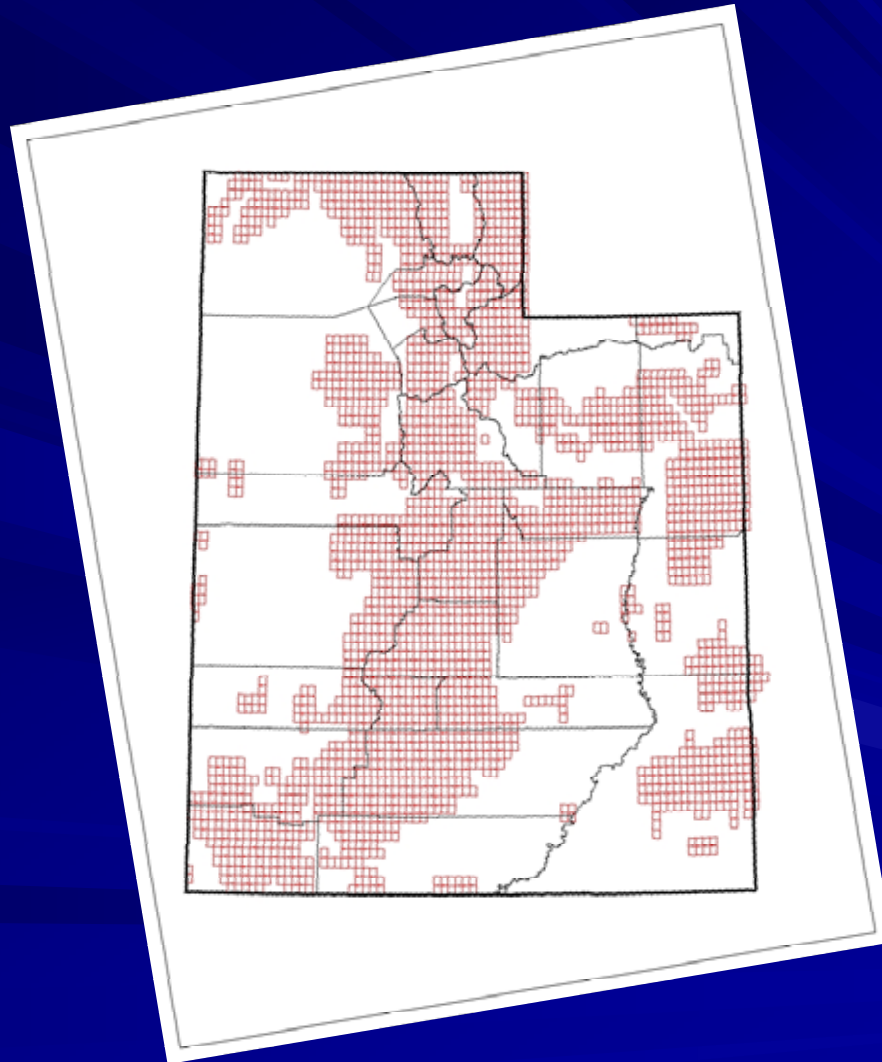
Idaho National Forests/DOQQs



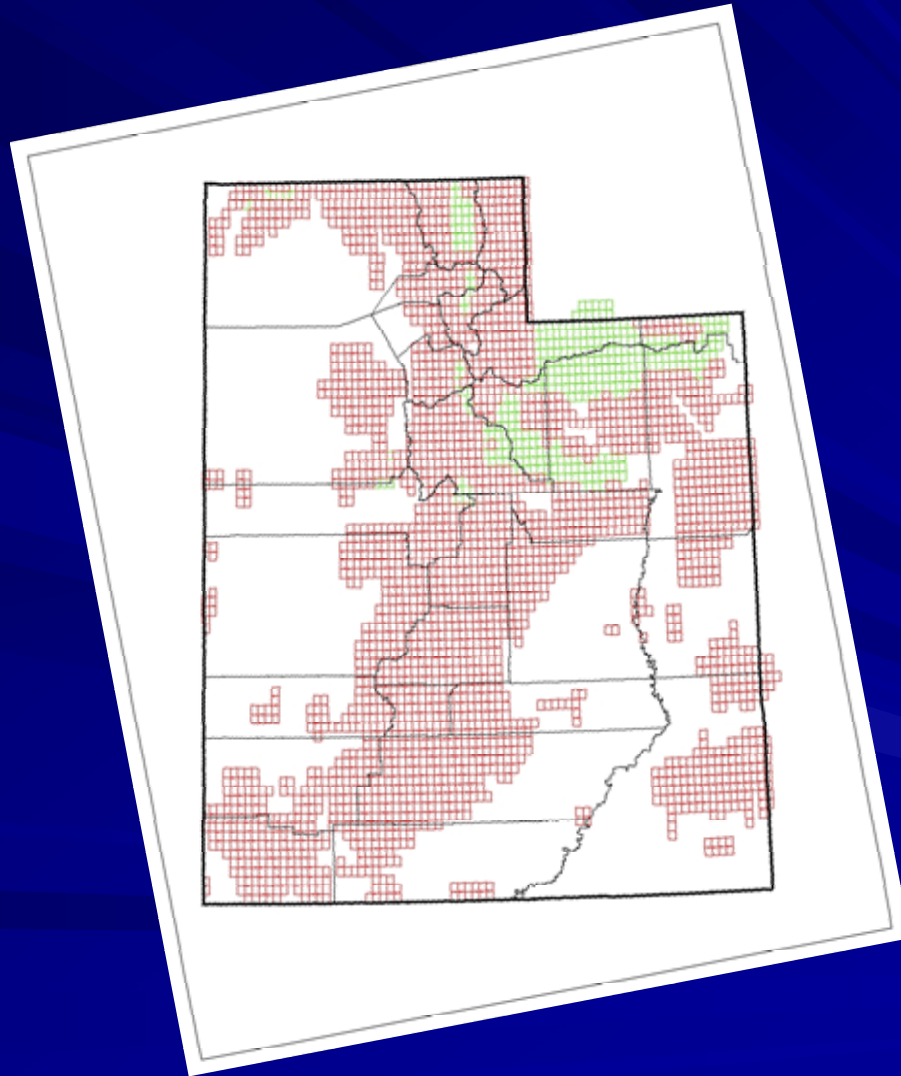
Idaho Full State vs CLU coverage

- NAIP04 (FULL State coverage)
- 83,499 Sq Miles
- 28,131 Line Miles
- 6,522 DOQQs
- NAIP05 (CLU coverage, no partners)
- 43,005 Sq Miles
- 14,425 Line Miles
- 3,195 DOQQs

Original Utah NAIP04 Coverage



Forest Service was Expanded



NPS and BLM areas were added

